

## **Enhancing the contextual abilities of content-repurposed web sites**

Rainer Wasinger, Michael Fry, Judy Kay, Bob Kummerfeld,  
William Niu, Lynden Shields

Computer Human Adapted Interaction (CHAI) Group, School of IT,  
The University of Sydney, NSW, 2006, Australia  
Smart Services CRC, Australian Technology Park,  
Bay 8, Eveleigh, NSW, Australia

{wasinger, judy, bob, niu, lshi6306}@it.usyd.edu.au, [michael.fry@usyd.edu.au](mailto:michael.fry@usyd.edu.au)

**Abstract.** This paper explores the possibilities for incorporating contextual information (such as time, location, and device-purpose) into a content repurposing platform, so that single-source web content can be targeted not just based on a device's publicised software and hardware capabilities, but also based on the context in which the mobile or tethered device is being used to browse the content.